

JUNE MISHAPS MAR Y-12 1955 SAFETY MARK

Union Carbide Nuclear Company Consolidates Atomic Energy Program Of Corporation, Including Uranium Mining, Refining

Here Are Top Officers Of UCNC



Kenneth Rush, President



Clark E. Center, Vice President

Camera Club Plans Meeting September 13

Landscape, Seascape Competition Announced

The next meeting of the Carbide Camera Club will be held Tuesday night, September 13, with no meeting being scheduled for August, according to M. C. Ziemke, of K-25, president of the club. The September meeting will be held in the club headquarters in the Y-12 East Portal building, beginning at 7:30 p.m.

The competition planned for the September meeting will be on the subject of landscapes or seascapes in both black and white photographs and color slides. There also will be a special feature presentation from the Photographic Society of America entitled "Birds in Color."

President Ziemke also announced that the program for October 11 will include a competition on the subject of animals, including birds and fish, in both color slides and black and white prints. In November the competition will be on portraits in photographs only. The annual salon meeting will be held some time in December.

ENTREES ANNOUNCED FOR SPECIAL LUNCHES AT Y-12 CAFETERIA

Attractive entrees have been announced for the 50c Special Lunches to be served at the Y-12 Cafeteria tomorrow, Thursday, August 18, and next Tuesday, August 23. American chop suey with Chinese noodles and steamed rice will be the principal dish tomorrow while on next Tuesday salmon croquettes with parsley sauce will be served. Each Special Lunch includes a vegetable, choice of salad or dessert and rolls and butter.

Large-Scale Research Planned By Division

Operation of uranium mines in the Colorado Plateau and uranium processing mills at Rifle and Uravan, Col., will be among the activities of the newly formed Union Carbide Nuclear Company, according to the announcement by Morse G. Dial, Union Carbide and Carbon Corporation President, that was issued last week to announce formation of the new company. The Union Carbide Nuclear Company also has taken over operation of all atomic energy operations at Government-owned facilities that have previously been handled by Carbide and Carbon Chemicals Company and the new Company also is a Division of UCC.

(Editor's Note—A separate story and pictures on the Colorado uranium mining and refining projects formerly operated by the United States Vanadium Company appears on Page Four of The Bulletin).

Clark E. Center, who has been Vice President of Carbide and Carbon Chemicals Company for several years and in charge of Union Carbide's atomic energy work with the AEC, is one of three Vice Presidents of the new Union Carbide Nuclear Company. The President of the new company is Kenneth Rush and the other two Vice Presidents are Lyman A. Bliss and Oscar F. Holmgren. Their backgrounds were reviewed in last week's edition of The Bulletin.

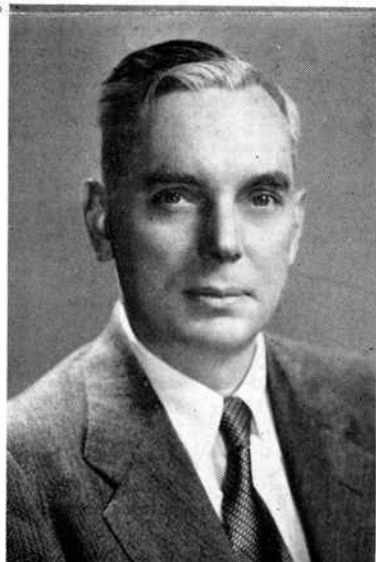
UCC To Expand Position

The consolidation of Union Carbide's atomic energy activities in the Union Carbide Nuclear Company is in keeping with the program of the Corporation's management to coordinate related activities and intensify and expand Union Carbide's important position in the rapidly-growing field of atomic energy. An important objective of the new company will be to carry on large-scale research work and development activities in the industrial applications of atomic energy, as well as the work now being done for the Atomic Energy Commission here in Oak Ridge and at Paducah, Ky.

Union Carbide has been active in the atomic energy program since its inception. The Corporation was responsible for the design, engineering and operation of the K-25 Plant at Oak Ridge and UCC engineers also have done processing development and engineering design for all of the gaseous diffusion plants and additions since 1946, including the installation at Paducah, Ky., which the Corporation also operates.

Y-12 Joined UCC In 1947

Union Carbide, through Carbide and Carbon Chemicals Company, took over operations here in Y-12 in 1947 and a year later began operating the Oak Ridge National Laboratory, both for the Atomic Energy Commission. ORNL is the nation's leading atomic research center and is the chief source of radioisotopes—the important atomic products now being widely used in medical research, agriculture and many industrial operations. The Laboratory also plays a prominent part in the development of atomic energy.



Lyman A. Bliss, Vice President



Oscar F. Holmgren, Vice President

MANY JOIN CHURCHES

Church census figures show that more than 22,000,000 Americans have become members of some religious congregation since 1940.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
55 Days Or
1,770,152 Man-Hours
(Unofficial Estimate)
Without A Lost Time
Accident
Through August 14

Vehicle Evacuation Routes Are Set Up

Air Attack Plans Given In Manual

Motor vehicle evacuation routes from Y-12 parking lots have been definitely designated in a recent revision for the Y-12 Emergency Manual that also points out other action to be taken under an air attack plan.

Automobiles parked in the East and North Portal lots will leave by way of Bear Creek Road to Scarboro Road and Bethel Valley Road past the Oak Ridge National Laboratory and thence to White Wing Gate.

Vehicles in the Central, West and Bear Creek Portal lots will proceed westerly on Bear Creek Road to either White Wing or Gallahar Gates.

How Traffic Can Move

From White Wing Gate traffic can move westerly on U.S. Route No. 70 toward Kingston and Nashville or go on through to Lenoir City and U.S. Route No. 11, toward Chattanooga. The Gallahar Gate route also leads to U.S. Route No. 70 and at Kingston State Road No. 58 branches off for Chattanooga. All evacuation vehicles are urged to go at least 20 miles away from the plant, more if possible.

The air attack alarm will be the same as the emergency practice alarm that was sounded in the Y-12 Plant on June 15. At that time it was estimated that the alarm of half-second blasts on the air horns, supplemented by building public address systems, was heard by 85 per cent of Y-12 personnel.

All Operations To Cease

When the alarm is sounded, all plant operations will shut down and classified documents will be stored and repositories locked. All employees, except those designated to remain by the Plant Shift Superintendent's office, will leave.

Private automobiles will be used as far as possible in any evacuation move. Plant vehicles will be used if needed. Communication will be maintained as much as possible through radio cars. In a test on the June 15 alarm, radio signals were received as far as 17 miles away.

Y-12ers possessing the Y-12 Emergency Manuals are urged to read the revisions immediately and pass the information along in proper channels.

VITALITY STATISTICS

The vitality of the average persons is highest between 8 a.m. and 10 a.m., physicians declare. It is lowest in the afternoon and evening, rises again at night and is lowest just before dawn.

Six-Month Total Behind Figures For 1954 Period

Eight Disabilities Registered So Far; Only Five Last Year

Three disabling injuries in on-job activities during the month of June threw the Y-12 Plant Area safety record for the first six months of 1955 considerably behind the mark for the corresponding period in 1954. The lost time accidents in June brought the number of such mishaps for the six-month period to eight as against only five for the same time last year.

Frequency Rate Is Up

The increase in lost time accidents boosted the Y-12 Plant Area frequency rate to 1.26 for the first six months of 1955 as compared to only .94 the preceding year. The frequency rate is the number of lost time accidents per 1,000,000 man-hours of plant operations.

In addition to boosting the frequency rate, the 1955 figures also show that the lost time accidents in the plant resulted in a total of 466 days of lost time to Y-12ers as against only 255 for the corresponding period last year. The disabling injuries this year were scattered through four of the first six months with one each being recorded in January and March and three each in May and June. In 1954 there were one accident each in January and February and three in May.

Minor Accidents Increase

Minor accidents in the plant, those requiring medical attention but no loss of time from work, have shown an alarming increase so far this year over the figures of last year. There have been 3,497 in 1955 as against only 2,553 the preceding year.

Although the Y-12 Area Plant safety record, despite the slight dip from last year, still is exceptionally high—the Safety Department and other safety-minded Y-12ers point out that it still is not the records, plaques and citations that reflect the real safety accomplishment, but the fact that freedom from injuries by employees makes them free from the pain and worry on the part of themselves and members of their families that follow a disabling injury. No amount of insurance benefits or other compensation can pay for the peace of mind of a Y-12 who avoids accidents by observing safety rules, regulations and exercises plenty of common sense in carrying out his job duties.

16th Safety Period Set

Apparently determined to better the first half of the year record, Y-12ers and other Union Carbide Nuclear Company employees in the Y-12 Plant Area worked throughout the month of July without a disabling injury. At midnight, Saturday, August 6, the 16th Company Safety Period of 1,500,000 man-hours of operations without a lost time accident was reached and over the past week end the string of accident-free days had not been broken. This is the third Company Safety Period of the present year and safety-

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The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY

A Division Of
Union Carbide And Carbon
Corporation
Post Office Box Y
Oak Ridge Tenn.
GEORGE W. DOBBS . . . Editor

OFFICE

Bldg. 9704-2 Room 223
Telephone 7751

Watermelon Slicing Picnic Set Saturday By E Shift

A watermelon slicing and picnic outing had been scheduled for Y-12ers on the E Shift for Saturday of this week, August 11, at Cove Lake State Park. This favorite picnic spot is just beyond Caryville, Tenn., on U. S. Highway 25-W.

The shindig will start at 10 a.m. and all E Shift employees and their families are urged to attend and bring their own picnic lunches along. The lunches will be spread in homecoming style. Recreation and sports for adults and youngsters alike will be provided.

Rides Wanted, Offered

The Y-12 Bulletin is pleased to be of service to the many users of this column in aiding employees solve their transportation problems. However, because of deadline requirements, it will not be possible to accept riding requests for the column after noon on any Friday for publication the following Wednesday.

Ride wanted from Inskip to Bear Creek Portal, D Shift, M. G. Cook, plant telephone 7-8251, home telephone 6-4000, Knoxville.

Ride wanted from New York and Tennessee Aves., Oak Ridge, to Central Portal, straight day, Mabel Bleasdale, plant telephone 7-8341, home telephone 2-1370, Oak Ridge.

Ride wanted from 125 Vandalia Road, Oak Ridge, to North or Central Portals, straight day, Judy Reeves, plant telephone 7-8411, home telephone 5-5429, Oak Ridge.

Riders wanted from Park City area, Knoxville, to any portal, straight day, W. E. Roark, home telephone 4-4335, Knoxville.

Ride wanted from Lenoir City to East Portal, straight day, Maola Connor, plant telephone 7-8471, home telephone 465, Lenoir City.

Ride wanted from 121 East Vance Road, Oak Ridge, to North Portal, straight day, Bertha Crowder, plant telephone 7703, home telephone 5-7881.

Ride wanted or will join car pool from Arizona Road, East Village, Oak Ridge to West Portal, E Shift, Charles Brazda, plant telephone 7932, home telephone 5-0132, Oak Ridge.

Ride wanted or will join car pool from West Hills section, Knoxville, to Central Portal, straight day, Dolores Eden, plant telephone 7-8277.

Ride wanted from Clinton to Central Portal, straight day, Clyde Brewer, plant telephone 7735, home telephone 981-W, Clinton.

Ride wanted or will join car pool from Fountain City to Bear Creek Portal, A Shift, George Marcus, plant telephone 7-8251, home telephone 6-5420, Knoxville.

Ride wanted or five riders wanted from Fair Ave., Fountain City, to any portal, W. C. Sharp, plant telephone 7573, home telephone 6-0528, Knoxville.

Ride wanted from Longview Road, West Knoxville, to North or Central Portals, straight day, Phyllis Graham, plant telephone 7382.

Ride wanted to Washington, D. C., week end of August 26-28, share expenses or will drive, J. E. Gryder, plant telephone 7409.



Charlie Smith, the sage of Mechanical Operations Division, just communicated an idea well worth passing on—and using in everyone's daily life. He opines:

"The greatest use of a life is to spend it for something that outlasts it."

With that fresh thought in mind—here goes.

MECHANICAL OPERATIONS

Lads in the General Machine Shop just will have their fun—so B. B. Addison tells this one on C. C. "Mutt" Chamberlain, the inveterate fisherman of the department—Seems as how a young minister confronted "Mutt" somewhat coldly and remarked, "I'm told you went to a ball game Sunday instead of coming to church." To which "Mutt" replied, "Tain't so, parson, I've got the fish to prove it." If hostilities have subsided by now—here's the rest of the departmental chatter—Janice Gore is welcomed as a new employee . . . Vacationers dispersed, as far as could be ascertained, thusly . . . Carl Jones in Williamsburg, Ky. . . D. E. Hill in Woodland, Ala., and West Point, Ga. . . W. F. Cartwright went to the Smokies . . . A. E. Perry to that big hole in the ground, Mammoth Cave, and other Kentucky points. . . G. B. Borella was in Bummham, Alabammy . . . Walt Sherrod sashayed to Cincinnati to see some ball games and on to Detroit . . . C. Tharp probably got blown around quite a bit at Daytona Beach . . . W. G. Shaw jaunted to Mississippi, New Orleans and Florida . . . M. L. Patterson selected Guntersville, Ala. . . Earl Livingston went to South Carolina . . . A. L. Cardwell was close by at Concord . . . T. R. Livingston and J. P. Shuttle were closer in Oak Ridge . . . J. F. Stephens is doing a couple of weeks Army training at Ft. Benning, Ga. . . J. B. Price is at home in Erie, Tenn. . . W. R. Barwick spent a week at Pickett State Park at Jamestown. . . Mike Shemanski went to Washington, D. C. . . Others away, destinations unknown, are J. R. Murph, K. S. Murphy, W. J. Fowler, Max Whitley, J. W. Bridges, T. V. Gable, R. I. Verble, H. T. Clark, L. L. Spears, C. E. Walker, E. M. Neal, W. T. Beard, L. A. Michael and J. F. Ray . . . Condolences are extended E. R. Easterday, whose sister, Mrs. Brown, died recently in Knoxville . . . Get-well wishes to F. D. West, B. B. Addison, D. R. Murphy and L. D. Smith.

D Mechanical Operations is congratulating Fred Campbell over the arrival of a new son, weighing nine pounds, one ounce . . . R. V. Harrell is vacationing in Ohio . . . N. White is doing likewise in Knoxville and J. Claiborne at home in Oak Ridge . . . R. L. Burrell is one-two-three-four with the National Guard in some Georgia training . . . Rapid-recovery wishes to C. E. Day in Oak Ridge Hospital.

H. Specht, A Mechanical Operations, is back from vacation reporting a wonderful time . . . H. E. Stout also is back after a week of rest—he says he took it real easy . . . O. R. Chambers and R. M. Kritich both made trips to Detroit last week . . . R. Y. Drumwright and family are camping in the Smokies this week—watch out for the b'ars . . . E. E. Grissom is vacationing somewhere.

Mechanical Operations Division is glad H. L. Brown is back at work after being sick for several weeks . . . Also that W. C. Gordon is improving after a spell of illness . . . J. K. Johnston, E. J. Higdon and P. S. Greene are planning Smoky Mountain vacations . . . J. H. Neeley went to Texas and W. H. Renfro chose Tampa, Fla. . . A. G. Keisling just stayed at home.

SUPERINTENDENTS

Plant Shift Supt. Dan H. Rader and family vacationed in South Charleston, W. Va., (probably getting the lay of the land for that 25-years-with-Carbide party in November) . . . General Utilities have vacationers Sam Kite, D. W. Woody, N. B. Foust, B. L. Fain, A. H. Gough and M. L. Lay to report . . . Clyde Bowen, Steam Plant, is in Panama City, Fla., this week . . . The department welcomes George Everett back after being out sick for some time.

INDUSTRIAL RELATIONS

W. T. Galyon, Fire Department, is vacationing this week . . . Capt. Emmett L. Moore is doing a couple of weeks military training in North Carolina . . . C. A. Cook is welcomed back after being ill.

Betty Whitehorn, Security, vacationed last week . . . W. E. "Bill" Davis still is ill and sent get-well wishes.

Lib Kilby, Insurance, was scheduled for vacation over at Myrtle Beach, S. C., last week—if she didn't get blown every whichaway by Hurricane Connie.

Jesse Guinn, Training, is vacationing in Cincinnati this week.

Capt. M. L. Woodward, Guard Department, has returned from vacation as has L. E. Maxwell . . . E. E. Turner is on military leave.

T. H. Allison is visiting relatives in South Carolina . . . H. L. Montooth is in Wichita Falls, Tex., to visit his Air Force son . . . Other vacationers are P. Garrison, D. I. Davis, E. McFarland and J. D. Hopkins.

Bob Cantrell, Employment, is vacationing in Indian Rocks Beach, Fla.

CHEMICAL

The Chemical Department's vacationers got away so quickly there is no telling where G. H. Coleman, O. W. Cunningham, C. E. Lowe, J. A. Lowry, J. P. Miller, L. J. Shersky, B. J. McNeely, R. K. Gentry, A. W. Creek, W. Y. Hagy, B. W. Hensley and F. W. Hill were planning to go.

The G Shift folks in Product Processing pitched a picnic recently at Alcoa that was enjoyed by everyone.

MAINTENANCE

Barbara Thomas now is being called "Auntie" in Planning and Estimating—she qualified for that title when a niece was born August 9, named Barbara Denise and weighing seven pounds, 15½ ounces.

J. E. Taylor, Salvage, is on military leave . . . Vacationers without forwarding addresses are F. D. Jeffers, G. L. Miller, P. B. Davis, J. V. Bolinger, S. W. Turner and J. H. Proctor.

H. E. Fry, Automotive Equipment Maintenance, is vacationing in Bryson City, N. C.

C. W. Mason, Research Services, and a group of old cronies and families had a fish fry over at Concord recently . . . Sympathy is extended Ira Sharp, whose grandmother died last week . . . Vacationers—Ed Greeley, C. C. Sharp and E. K. DeLong.

Beta Four Maintenance reports O. O. Bowles vacationing in Florida . . . J. L. Spray is attending a family wedding in St. Louis, Mo., this week . . . Other vacationers are J. P. Thomas, H. L. Wallace and J. T. Gillum.

Electrical Maintenance has nothing but vacationers—coming and going—to report. The list includes A. F. Kasey, W. W. Bradshaw, W. Hinkleman, W. H. Hatfield, R. E. Justice, W. R. Malcolm, D. N. Williams, W. W. Pugh, T. E. Rogers, H. W. Montgomery, W. B. Lyles, W. W. Wright and L. F. Kennedy. Virginia Boswell, Alpha Five Maintenance, is basking on the beach in Panama City, Fla. . .

June Mishaps Mar Y-12 Safety Mark

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minded employees are striving to continue it through at least 3,000,000 hours without a disabling injury.

Off-Job Figures Almost Same

Delving further into statistics for the first half of the year, the off-job accident figures for 1955 and 1954 are virtually the same. Last year at the end of June there had been 36 off-job accidents that cost 6,412 days of lost time—with one automobile fatality being automatically charged as 6,000 days lost. For the same period this year there have been 37 off-job mishaps, costing 6,542 lost days. Each year there has been one fatal automobile accident involving a Y-12-er.

Breaking down this mark, there have been 22 automobile accidents so far this year and only 18 last year. Home accidents were four and eight, recreation and sports not conducted under plant supervision were four and three and miscellaneous accidents were seven for each year.

"Take Safety Home"

These off-job accidents, nearly five times as many for the first half of 1955 as for the past year, again show the need of Y-12ers "taking safety home with them" for their protection against mishaps that can prove costly in injuries and discomfort as well as curbing their productivity by keeping them away from work.

H. L. Woodard also is somewhere in the Sunshine State . . . H. H. Terry likewise is there and in points in Alabama . . . J. C. McKinney stayed at home in Norris. . . Congrats to J. J. Gibson on his new son.

Process Maintenance reports T. M. Samplay visiting kinfolks in Pensacola, Fla. . . Frank Zupan is doing likewise in Kansas City, Mo., and Detroit, Mich. . . C. M. Neal is looking up relatives in Rising Fawn, Ga. . . C. J. Price went over to Gatlinburg . . . W. C. Munsey is resting at home in Lenoir City . . . W. F. Grisby is exploring the fishing spots hereabouts . . . J. E. Cartledge, D. L. Parrish, J. C. Stutts and J. P. Gibson also are away.

TECHNICAL

J. C. Bresnahan and "Bill" Grizzell, Project Engineering, are vacationers this week.

Civil and Architectural Engineering lists J. E. McClane as a vacationer.

Electrical Engineering is sending best wishes along with O. E. Gilcrease, who is taking his wife to a Memphis hospital this week. . . Best wishes also go along with D. C. Harrison, leaving to return to classes at Tennessee Polytechnic Institute . . . E. A. Crowe is vacationing in Paducah, Ky.

L. C. "Doc" Emerson, Health Physics, has a new daughter born last week, weighing six pounds, seven ounces . . . Helen Hicks is on a Caribbean Sea tour . . . P. C. McRee is vacationing in Virginia and the Carolinas . . . D. A. Latham also is away.

Development Operations extends condolences to Paul Wilkinson, whose father died last week in Montclair, N. J. . . Chuck Scott is vacationing in New England . . . R. K. Bennett is in Rhode Island. . . T. G. Pappas went to West Virginia and Pennsylvania . . . J. E. Perry left no forwarding address.

Chemical Engineering has Jim Hodges back from a trip to Northern Michigan and Calvin Devaney from Florida—they are comparing notes.

MANUFACTURING OFFICE

R. E. Hale, Timekeeping, and family are in Clearwater, Fla. . . Birdie Fitzgerald is spending the week in Oak Ridge and Nashville.

Property sends get-well wishes to Dee Asbury at Oak Ridge Hos-

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Get-well wishes are extended the following Y-12 employees who were patients in the Oak Ridge Hospital last week:

Betty Ann Martin and Mary Nell Rawson, Production Analysis; C. B. Davis, Field Maintenance; Basil E. Ward, B Mechanical Operations; Thomas Cagley, General Machine Shop; Mrs. Will R. Kelly, Planning and Estimating; Earl E. Day, F Mechanical Operations; Joseph E. Morgan, Guard; Delia H. Asbury, Property; T. A. Ayles, Colex Operations.

Seventh Playground Circus Is Scheduled For Tonight

The Oak Ridge Recreation Department will present its seventh annual playground circus, preceded by a parade, tonight, Wednesday, August 17. A cast of more than 200 youngsters from the eight city playgrounds will take part in the show to present a wide variety of acts. The parade will start at the parking lot opposite the post office at 6:30 p.m. and proceed to Blankenship Field where the circus will begin at 7:30 p.m. The public is cordially invited and a large number of Y-12 parents whose youngsters will appear in the circus are expected to be among a capacity audience.

10 Years Service

Congratulations to the following Y-12 employees who will have completed 10 years of Company Service within the next few days:

Warren B. Tyree, General Machine Shop, August 17.
Elgin H. Bass, Salvage, August 17.

Archie R. Palmer, Buildings and Grounds, August 18.

Connie W. O'Neil, Product Processing, August 19.

Mattie E. Anderson, Production Assay, August 19.

Doyle B. Williams, Guard, August 21.

Harry G. Hilbert, Beta Two, August 21.

Vernoy R. Sexton, Beta Two, August 21.

Oscar D. Daniel, Special Salvage, August 23.

Knoxville Stamp Club Sets September Meeting In Ridge

Many Y-12ers interested in stamp collecting and operation of the United States postal system and who are members of the Knoxville Stamp Club, will attend a meeting of the organization set for 7:45 p.m., Thursday, September 15, in the Coral Room of the Ridge Recreation Hall. A representative of the Oak Ridge postoffice will describe services given by the local office in handling mail in and around the Atomic City.

'Open House' Party Is Set By Carbide Wives Tonight

An "open house" bridge, canasta and bingo party will be held tonight, Wednesday, August 17, by the Carbide Wives. The public is cordially invited to the party, which will be at 7:30 o'clock in the East Lounge of the Ridge Recreation Hall.

Mrs. James O'Bannon, whose husband is in the Y-12 E Mechanical Operations Department, is the executive board member in charge of the party. Hostesses include Mesdames F. A. Gragg and T. W. Robertson, both wives of Y-12ers; and D. M. Cox, J. H. Fletcher and L. H. Faulks.

HINES, O'NEAL, DORR WIN ALL-CARBIDE TILTS

10 Other Y-12 Men Win, Seven Beaten

Veteran Jake Meece Trims F. Burchfield

Three out of the four Y-12ers in the championship flight of the All-Carbide Golf Tournament came through with victories in opening round matches over the past week end. In other flights, with several matches unreported Monday morning, Y-12ers posted 10 wins and seven losses.

Hines Wallops Sabo

In the championship flight Art Hines registered the biggest margin of victory by trimming Al Sabo, Oak Ridge National Laboratory, five and four. Palo O'Neal took R. L. Caldwell, also of ORNL, by two up. Carl Dorr had to go to the 19th hole to beat R. L. Ednie, another ORNL golfer, one up. Y-12's only loss was by Frank Burchfield, a fine young golfer with lots of promise, to the veteran Jake Meece, ORNL, a former Y-12er who has several Oak Ridge and Knoxville championships to his credit.

In the first flight Walt Sherrod, Y-12, beat D. Bebout, K-25, but Y-12's other two entries, A. F. Gillen and A. T. Arrowood lost to W. E. Foster and E. A. Bagley, both of ORNL. Y-12ers broke even in the fifth flight, Jay Holzknicht beating M. V. Firmin, ORNL; but J. P. Smith lost to Harry Smith, K-25. In the fourth, H. D. Duncan, Y-12, beat Bob Schaich, ORNL.

Ed Gambill, Y-12 won over C. H. LaMaster, ORNL, in the sixth. Harold Ratjen, Y-12, licked V. Blankenship, K-25, in the eighth. Logan Emlet beat R. Morton, ORNL, in the ninth but Al Swasey, K-25, topped John Boyd, Y-12. In the 10th Elmore Koons, Y-12, lost to E. Bordes, K-25 and W. C. Countiss, Y-12, defaulted to Harris Blauer, ORNL.

Y-12ers had a field day in the 12th flight with three wins. Ray Whitehorn beat R. Harrington, K-25, on the 19th hole, one up. Sewell Brown took the measure of W. C. Dickson, K-25; and R. H. Finn, Y-12, defeated Frank Scheitlin, ORNL.

In the 13th flight J. D. Hall, Y-12, had to go 20 holes before winning over W. Koehler, G. S. Jordan, K-25, beat M. J. Cromer, Y-12, in the 14th.

Two Changes Made In Doubles Ladder

Beams and Horton advanced from sixth to fourth place in the Y-12 Doubles Tennis Ladder last week by defeating Scott and Jennis 6-2, 6-1, the losers dropping to sixth. Fisher and Rogers advanced from eighth place to seventh with an 8-6, 6-3 win over Taylor and Duke.

The ladder listings as of last Friday show (1) Ballenger-Cromer, (2) Hackett and Thompson, (3) Perry and Campbell, (4) Beams and Horton, (5) Strange and Secrist, (6) Scott and Jennis, (7) Fisher and Rogers, (8) Taylor and Duke, (9) O'Kain and McGinnis, (10) Dabic and Stotko.

Horseshoe Hurling Tourney Proposed

All the eager beaver horseshoe hurlers in Y-12 who would like to compete in a tournament to decide the plant individual championship are asked to communicate with Charley Gillihan, secretary of the Y-12 Horseshoe League who is anxious to promote such a competition. He may be reached at plant telephone 7631, home telephone 5-9780, Oak Ridge.

If sufficient interest is shown in the proposed tournament, a date for the event will be set for the convenience of all entrants, Gillihan has announced.



TWO STRONG COMPETITORS FOR THE Y-12 PLANT GOLF LEAGUE AT Oak Ridge title are the pair of two-man teams pictured above. At left is the Elmore Koons - John Smith duo watching John Boyd, extreme right, of the Boyd - George Oliphant team, line up a putt.

Five Teams Are Undeclared In Y-12 Softball Leagues

Five teams remained undefeated in the two Y-12 plant softball leagues after last Thursday night when last reports were made. The Sunflowers held the American League lead with four wins and no losses, the Rebels had a three and none mark and the Uranium Control Junior Varsity a two and none record. In the National League Beta Two had three wins against no losses and the Ridge-runners were right behind with two victories and no defeats.

Sunflowers Win Feature Game

In the feature game of the week—and possibly of the year—the Sunflowers took the Bombers, first half of the season winners in the American League, by the score of 4 to 1. It was a nip and tuck affair until the top of the seventh when the Bombers nipped and the Sunflowers "tuck" them. Oliver hit a homer in the second for the victors in the game that was played in 56 minutes.

The Sunflowers likewise smote the Wildcats by 9 to 5 by treeing the felines with a seven-run third inning and then coasting.

ADP Vanquishes Vols

After a scoreless four innings, ADP exploded for five runs in the fifth and three more in the sixth for their 8 to 5 win over the Vols, who rallied gamely for their runs in the last two rounds.

The Dirty Niners were unable to field teams in scheduled games to

give forfeits to the Bombers, Rebels and Sunflowers.

Beta Two Sprays Sparkplugs

In the National League Beta Two splattered runs across in each of the first five innings to smother the Sparkplugs by 12 to 0. Spradlin pitched no-hit ball for five and one-third innings, when the Sparkplugs' McWhirter got the only hit off the winning hurler.

The Madcaps and Engineers had a wild scoring contest with the former edging out a 14 to 12 triumph in a short game. The Engineers almost overcame a big early lead by the Madcaps, but the clock ran out on them.

The Sparkplugs posted a forfeit victory over the Madcaps.

Weather permitting, the second half of the season schedule is expected to be completed next week. League standings and results follow:

AMERICAN LEAGUE STANDINGS

Team	W	L
Sunflowers	4	0
Rebels	3	0
UCJV	2	0
Bombers	2	1
Vols	1	1
Wildcats	1	2
ADP	1	3
Dirty Niners	0	5

NATIONAL LEAGUE STANDINGS

Team	W	L
Beta Two	3	0
Ridge-runners	2	0
Beta Four	1	1
Sparkplugs	1	1
Engineers	1	1
Madcaps	1	1
Bums	0	1
D Doodies	0	3

AMERICAN LEAGUE RESULTS

Team	R	H	E
Sunflowers	010 000 3—4	9	4
Bombers	001 000 0—1	4	1

Cook and Sigmon. Hatmaker and Castleberry.

Team	R	H	E
Sunflowers	207 000 0—9	10	4
Wildcats	000 014 0—5	7	2

Cook and Sigmon. Clevenger and Hickey.

Team	R	H	E
ADP	000 053 0—8	8	2
Vols	000 002 3—5	4	3

Baker and Dukes. Law and Frazier.

NATIONAL LEAGUE RESULTS

Team	R	H	E
Sparkplugs	000 000 0—0	1	1
Beta Two	232 230 x—12	10	0

Brady and Hatfield. Spradlin and Winkle.

Team	R	H	E
Engineers	420 24x x—12	12	4
Madcaps	626 0xx x—14	8	1

McAllister and Goosie. Cox and Zehner.

B Shift To Hold Picnic At Cove Lake August 24

B Shift employees in Y-12 are planning their second picnic-outing of the year to be held next Wednesday, August 24. The festivities will be held at Cove Lake State Park on U.S. Highway No. 25 just north of Caryville. Activities will start at 10 a.m. and all B Shifters and their families are asked to bring their own lunches, which will be spread family style. The usual recreational facilities will be provided for all ages of guests.

Upper crust—a lot of crumbs held together by dough.

Strange Tips O'Kain In Tennis Ladder

Sue Strange, in second place in the Y-12 Women's Singles Tennis Ladder, repulsed a challenge by fourth-place Ruby O'Kain, leaving the standings unchanged. The score was 6-2, 6-3.

The ladder standings are (1) Elizabeth Patrick, (2) Sue Strange, (3) Mary Cusman, (4) Ruby O'Kain, (5) Nell McGinnis, (6) Helen Brown, (7) Lois Secrist, (8) Frankie DuBose, (9) June Sherrill, (10) Helen Gambita.

'Classic' Pin Loop Opens September 8

C League Organizing Meeting Set Friday

Plant bowling leagues activities will begin for the 1955-1956 season on Thursday night, September 8, when the Classic League, formerly the B League, will begin operations. This circuit was organized for the coming season at a meeting last week in the Y-12 Recreation Office when all 12 teams that composed the loop last year declared themselves ready to go.

"Old Pros" Head League

Three "old pros" of the alley sport in past years were elected to head the league for the coming season. Harold J. Ratjen was elected president of the circuit; Ernie Cobble was named vice president and Elmore Koons was secretary-treasurer.



Harold Ratjen



Ernie Cobble



Elmore Koons

Meanwhile, the Recreation Department has announced that an organizational meeting for the C League will be held Friday afternoon of this week, August 19. The meeting of team captains has been scheduled for 1 o'clock at the Recreation Office, Room 221, Bldg. 9704-2.

Interest Seen Increasing

Additional interest has been demonstrated in bowling elsewhere in the plant, according to telephone calls received at the Recreation Office and prospects for formation of one or more additional leagues are bright. All bowlers in Y-12 interested in organizing or playing in a new bowling league are asked to fill out a blank published elsewhere on this page of The Bulletin and send it immediately to the Recreation Office.

Various shift recreation committees also are planning leagues for shift-scheduled Y-12ers with announcements expected soon that such leagues will be ready to go in the near future.

Check mate—what every wife asks her husband for on pay day.



THOMAS E. MCCARROLL, OF Research Services, caught this huge largemouth bass recently at Dale Hollow Lake. McCarroll was using a Wright-McGill rod with an Orvis reel with a yellow jig fly. The largemouth will offer some keen competition in the big Y-12 Annual Fishing Contest.

Burrus-Sherrod Win In Knox Tee Loop

The Burrus-Sherrod team of the Y-12 Plant Golf League at the Whittle Springs course in Knoxville took a whitewash victory from Bremen-Kouach last week to advance to second place in the league. Bowles-Duncan held the loop lead by taking a two and one decision from Peterson-Lockhart. Schappel-Hunter also advanced in the standings with a two-one win over Miller-Morgan, dropping the losers from second place. Huskisson-Wilburn took two and one-half points to one-half for Cabe-Hofer to jump two rungs in the ladder. Speas-Hines grabbed two points to one for Sawyer-Ludwig in the other match of the week.

League standing follows:

Team	W	L
Bowles-Duncan	11	1
Burrus-Sherrod	8 1/2	3 1/2
Speas-Hines	8	4
Miller-Morgan	8	4
Schappel-Hunter	5	7
Sawyer-Ludwig	5	7
Huskisson-Wilburn	4 1/2	7 1/2
Peterson-Lockhart	4 1/2	7 1/2
Cabe-Hofer	3 1/2	8 1/2
Kouach-Bremen	2	10

Ridge Golf League Race Tightened

Jay Holzknicht and Paddy Peckman, first half of the season winners in the Y-12 Plant League at Oak Ridge, tightened up the second half race last week with a six-point whitewash win over Boyd-Oliphant. Mitchel-Mathews also won six points from Underwood-McLendon and the league-leading Hines-Emlet duo beat Patterson-Peterson by four points to maintain first place.

League standing follows:

Team	W	L
Hines-Emlet	23 1/2	12 1/2
Smith-Koons	21 1/2	14 1/2
Holzknicht-Peckman	21	15
Snyder-Ratjen	17 1/2	12 1/2
Mitchel-Mathews	18 1/2	17 1/2
Boyd-Oliphant	18	18
Peterson-Patterson	15	15
Orrison-Saylor	14	22
Underwood-McLendon	7	29

NEW BOWLING LEAGUE APPLICATION

I am interested in helping to organize and playing in a new bowling league for Y-12 employees.

NAME _____ PLANT PH. _____

SHIFT _____ BLDG. NO. _____

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Uranium Industry Booms In Colorado

New UCC Company Has Many Interests There

About twice as many people now are taking part in America's fast-growing uranium industry in the Colorado Plateau as there were two years ago. Today, in this vast tableland, which covers some 180,000 square miles in Colorado, Utah, New Mexico, Arizona, and Wyoming, close to 10,000 people are working on the mining and refining of uranium ores. Expenditures for this phase of the nation's atomic energy program have climbed in just two years from \$30,000,000 to \$100,000,000 a year.

One of the best indications of how rapidly domestic uranium production has grown on the Plateau since 1952, when the area gained widespread recognition as the second largest and possibly the largest source of uranium in the world, is to be found in a quick rundown of the number employed then and now in various phases of the program—in exploration, mining, ore-refining, and trucking.

Government Doubles Jobs

Into the colorful mesa country have been pouring thousands of prospectors, equipped with Geiger counters and other radiation detection devices. A great many, of course, are amateurs. In addition, there are at least 1,500 trained geologists and mining engineers doing exploratory work on the Plateau today. In 1952, there were only 200. Some work for private mining companies, but many are with the Atomic Energy Commission's Exploration Branch and the United States Geological Survey. In fact, the government has doubled its employment, and now has about 1,000 persons working in the area.

When a preliminary survey indicates the occurrence of uranium ore, the owners of the claim usually contract to have the land drilled to determine whether the ore body is substantial enough to warrant any mining activity. About 1,000 persons are engaged in drilling uranium claims in the Plateau today, as compared to 250 years ago. Private mining companies are spending \$5,000,000 a year on drilling, and have stepped up their drilling. United States Vanadium Company, a division of Union Carbide and Carbon Corporation, one of the earliest operators in the Colorado Plateau, last year employed as many as seven different contract drilling firms to do its exploratory work.

This work now has been taken over by the recently formed Union Carbide Nuclear Company, a new Division of Union Carbide.

About 600 Mines In Plateau

There were only 200 uranium mines in operation in the Plateau two years ago. Now there are approximately 600 mines, and about 3,000 people are engaged in mining these properties. In 1952, there were approximately 1,000 uranium miners in the area. Most of the operations are small, since ore bodies are usually spotty. Some of the mining companies follow the practice of "farming out" the working of their properties to a large number of independent contractors.

Almost all of the trucking is done by small contractors. There are about 300 people engaged in hauling the ore and supplies to and from the mines and mills in the area. The number of ore trucks has increased from 100 to 200 in the past two years; and supply trucks, from 50 to 75. Truckers often make two trips a day over several hundred miles of rugged terrain, forging up the sides of steep cliffs on roads no wider than the old wagon trails.

Number Of Mills Doubled

From the mines back in the mesas, the uranium ore is hauled to the refining mills. At present there are nine mills treating ores in the Plateau to obtain uranium for atomic energy use, and more than 2,000 people are employed in



THIS IS THE OLDEST OPERATING URANIUM REFINING MILL IN THE Plateau—the Rifle, Colorado, plant of Union Carbide Nuclear Company. It treats ores that are transported by rail and truck from mines in Utah and Wyoming, as well as from southern Mesa County in Colorado.



COLORADO SNOW PROVES NO OBSTACLE AS TWO MINERS PUSH a car of uranium ore out from the portal of a mine in the heart of the rich carnotite ore bodies on the Colorado Plateau. This is the Lumsden No. 2 Mine of Union Carbide Nuclear Company, about 50 miles south of Grand Junction, Colorado.



IN A NARROW VALLEY LOCATED 100 MILES SOUTHWEST OF GRAND Junction, Colorado, is the huge uranium ore-processing mill of Union Carbide Nuclear Company. In addition to this mill at Uravan, there are eight other similar processing mills in the Plateau and three new ones planned.

these operations. This is double the figure of two years ago. Union Carbide Nuclear Company has refining plants at Uravan and Rifle, Col. Both these mills have been considerably expanded during the past few years. They treat ore from mines in Utah and Wyoming, as well as from Colorado. Additional refining mills are at Durango, Grand Junction, and Naturita, Col.; Monticello and Salt Lake City, Utah; and Shiprock and Grants, N. M.

The hub of all these uranium operations in the Plateau is the city of Grand Junction, Col., which is Western United States headquarters for the Raw Materials Division of the Atomic Energy Commission. The city is one of the biggest peach-growing centers in the country, but uranium is now at least 10 times as important as peaches from the standpoint of incoming revenue.

The importance of the work being done by these people in the Colorado Plateau cannot be over-emphasized. For the Plateau's

uranium deposits are considered one of the country's greatest power reserves.

Seminar Sessions Suspended Because Of Lecture Series

Meetings of the Oak Ridge Physics Seminar, attended by many Y-12ers and other Company employees in the Y-12 Plant Area, have been temporarily suspended because of a series of lectures now being given by Dr. Josef M. Jauch at the Oak Ridge National Laboratory. The lecture series concerns "Recent Progress in Meson Physics."

Dr. Jauch is from the University of Iowa and ORNL.

All the creatures had left the ark except two snakes lying in a corner.

"Why don't you go forth and multiply?" asked Noah.

"We can't," answered one snake, "we're adders."



Continued from Page 2

pital . . . J. R. Rutter and family are vacationing in Cumberland Gap, Ky. . . . Jim Bowers visited relatives in West Virginia while vacationing.

Property Sales sends get-well wishes to C. E. Jennings.

W. N. Jennings, Materials Expediting, is back from a New Jersey vacation . . . M. C. Bays was in Texas last week.

The Tool Department welcomes Homer Julian back after an illness.

Stores continues to send get-well wishes to R. E. Ferguson.

Tom Stephens, Record Center, is touring the Eastern States.

Frances Boyd, Reproduction, is vacationing at her new home in Clinton.

Harold Ratjen and Nelson Bethesda, Methods Engineering, are vacationing . . . Kyle Reed is welcomed back after a recent illness.

George Cantrell, Production Inspection, is a vacationer.

ALLOY

A. C. Cook, Alpha Four, writes "Mi-am-i" having a fine vacation . . . J. W. Graves is having a capital time in Washington, D.C. . . . "Nice little town we're coming to, wasn't it?" quipped John Station to his wife, Florence, as they sped through Cincinnati, Detroit, Windsor, Ont., and on to Toronto to attend the World Convention of Christian Churches—they plan to return via Ottawa, Montreal, Quebec, points in Vermont, Maine, Massachusetts and New York—all in two weeks . . . Also vacationing are T. E. Hatton, J. W. Cottrell and J. R. Sheehan . . . Helen Gombita is welcomed as a transfer from Beta Four . . . The news is out that R. B. Stonecipher was married in Briceville, Tenn., back on June 26—the bride being the former Gladys Day—they are living in Lake City.

C. W. Cook, Beta Four, is taking in sights in Miami and Key West, Fla. . . . Vermont is extending its welcome mat to Charlie Verboom and family, who are visiting Charlie's long-time no-see brother . . . H. A. Tobe is at good old Daytona Beach . . . R. R. Deem is headed for Ohio . . . J. W. Myers is somewhere else . . . Ted Higgins has best wishes for his transfer to A Shift . . . D Shift welcomes M. G. Cook.

Alpha Five reports T. J. Wilson is visiting relatives — don't say where — this week . . . M. A. O'Neal is vacationing at home in Clinton . . . E. M. Foster is in New Jersey and Maine.

That's enough—good bye now.

UC Nuclear Company Consolidates Program

Continued from Page 1

ment of atomic reactors and it was at ORNL that the United States Exhibit Reactor, demonstrated at the United Nations "Atoms for Peace" Conference at Geneva, Switzerland, was designed and built.

Pistol Loop Staging Tight Competition

With only three more nights of firing scheduled, including Tuesday night of this week, the Y-12 Plant Pistol League is engaged in a hot race for top honors. After firing of last Wednesday night, August 10, Team No. 3 was on top with 12 wins against six losses, Team No. 4 had 10 wins and eight defeats, Team No. 2 had eight wins and 10 losses and Team No. 1 brought up the rear with six wins and 12 losses.

In firing August 10 Team No. 3 beat Team No. 1 by 776 to 727 scratch and 874.545 to 863.345 handicap. Both scores fired by Team No. 3 were high for the season in the league. Team No. 4 topped No. 2, 754 to 673 and 869.497 to 851.880.

J. C. Ezell, Team No. 3, was top gun for the night in both scratch and handicap firing with 281, high for the season, and 292.862 handicap. T. J. Bush was Team No. 1's best scratch scorer with 259 and W. B. Davis had 288.879 for top handicap. Team No. 2 was led by P. H. Williams with 258 and 285.355. Team Capt. D. R. Alford topped Team No. 4 with 262 scratch and J. V. Ledbetter's 291.068 handicap was best.

Ezell is leading the entire league in both scratch and handicap averages, having figures of 267 and 288.621. The race for handicap scores is tight with Alford holding second with 288.553 and H. Pruden third with 288.246.

The final two league matches are slated for Tuesday, August 30, and Wednesday, September 7.

Y-12 Pistoleers Beat K-25 Gunmen

The Y-12 pistol team in the Oak Ridge Sportsmen's Association Summer League outfired the K-25 gunmen to take a firm hold on second place in the circuit, just a few points behind the Oak Ridge National Laboratory. The Y-12ers posted a 1297 scratch and 1447.814 handicap score against the suburbanites on the banks of the Clinch River.

The Y-12 team scores in the Sportsmen's Association League are selected from the top five marks posted in the Y-12 Plant Pistol League firing. The Y-12ers have won five scratch decisions while losing three and seven handicap contests to only one loss, making a 12 and four mark for the season, as of last week.

The Y-12ers were slated to fire last night, Tuesday, August 16, and again on Tuesday, August 30, to wind up the season in the Sportsmen's League.

Big Ridge Park Is Site Of C Shift Picnic Today

Practically the entire population of the C Shift in Y-12 is expected to be over at Big Ridge Park today, Wednesday, August 17, when the group will hold an all-day outing and picnic. Festivities were scheduled to get underway at 9 a.m. with a big joint picnic dinner to be spread at 1 p.m. In addition to the usual picnic entertainment and sports, a string band was being sought to provide music during the afternoon for the guests.